FIG.1

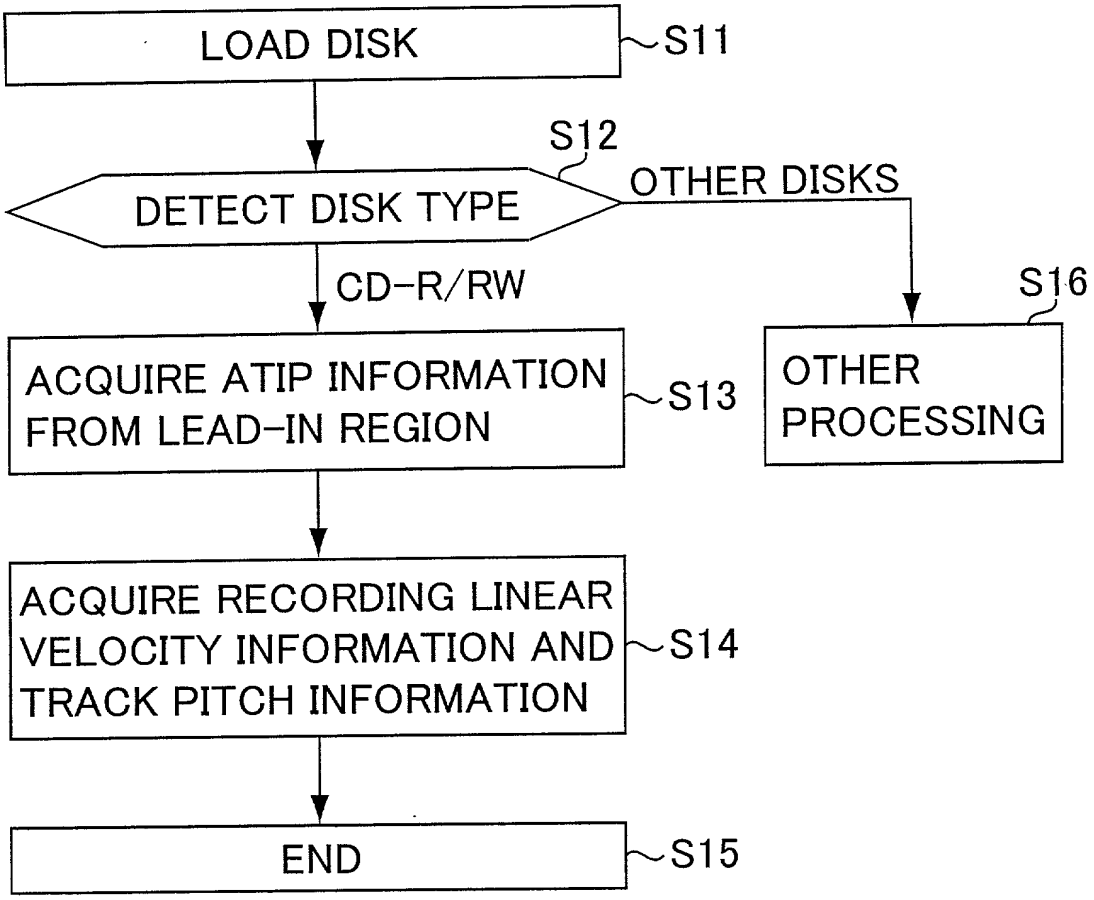

FIG.4

MIN	SEC	FRAME
00 ~ 99	00 ~ 59	00 ~ 74
8	8	8 (BITS)

FIG.2

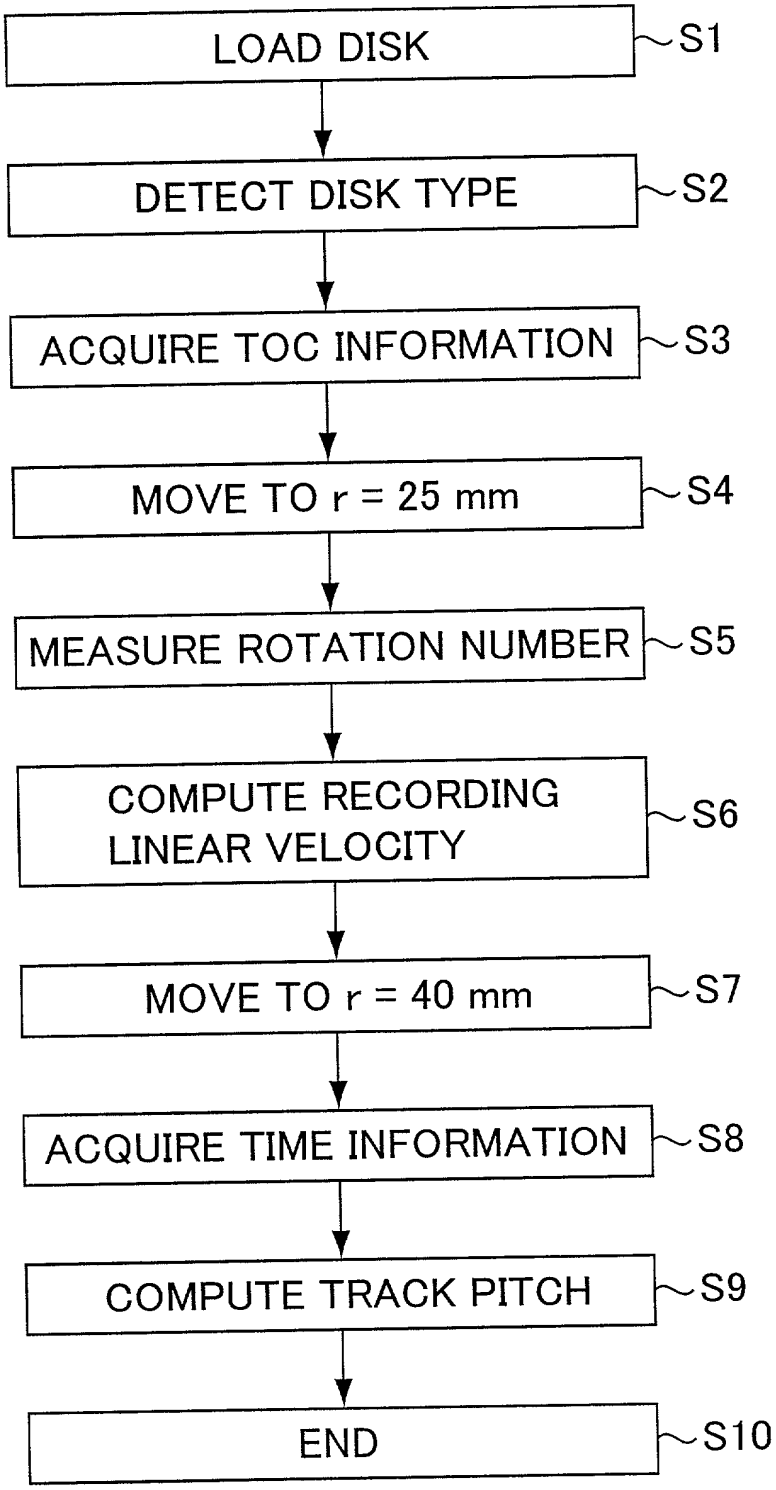
LOAD DISK
S1
DETECT DISK TYPE
S2
ACQUIRE TOC INFORMATION
S3
MOVE TO r = 25 mm
S4
MEASURE ROTATION NUMBER
S5
COMPUTE RECORDING LINEAR VELOCITY
S6
MOVE TO r = 40 mm
S7
ACQUIRE TIME INFORMATION
S8
COMPUTE TRACK PITCH
S9
END
S10

FIG.3

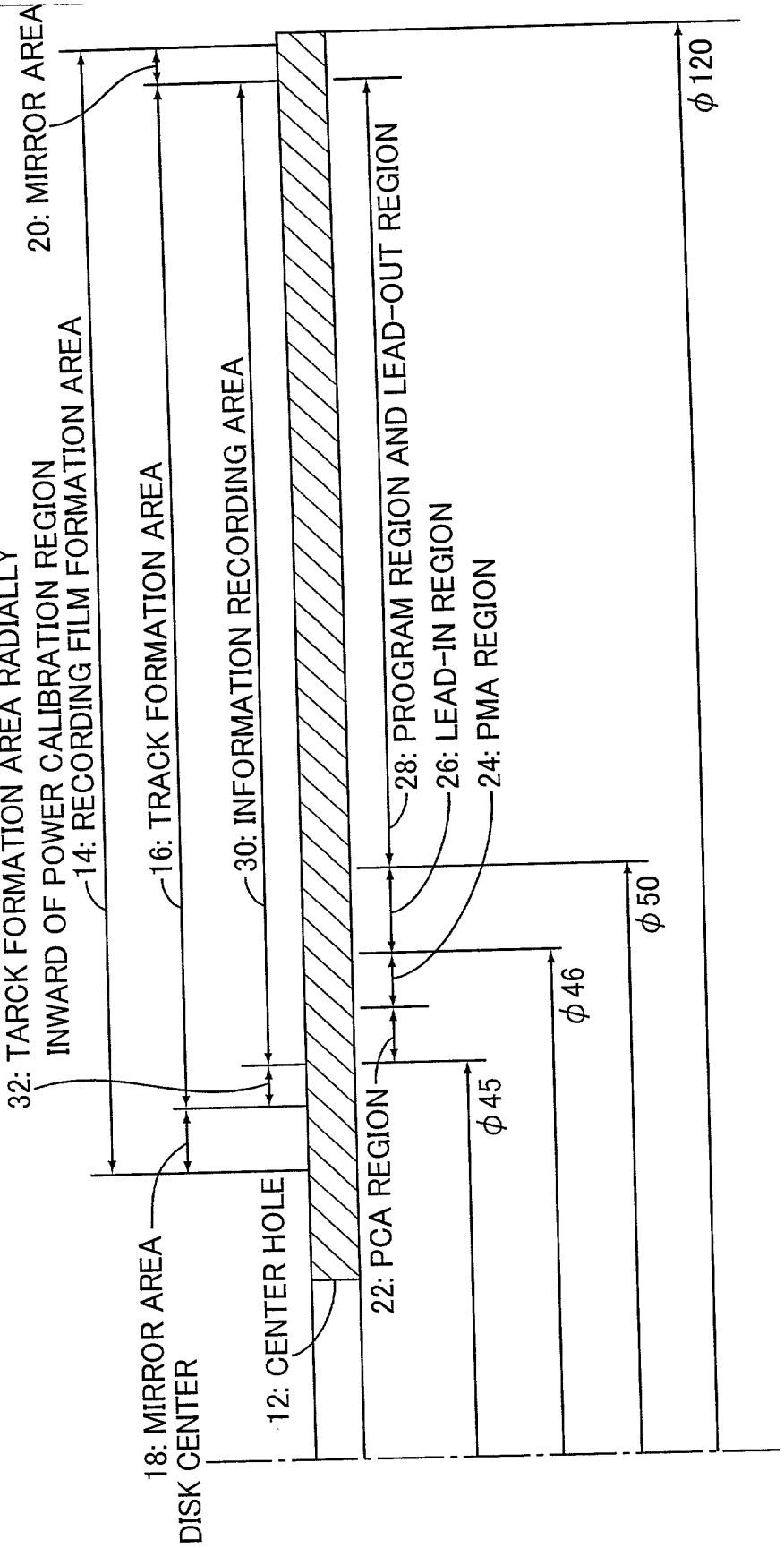
10: CD-R/RW DISK
20: MIRROR AREA
32: TARCK FORMATION AREA RADIALLY INWARD OF POWER CALIBRATION REGION
14: RECORDING FILM FORMATION AREA
16: TRACK FORMATION AREA
30: INFORMATION RECORDING AREA
28: PROGRAM REGION AND LEAD-OUT REGION
26: LEAD-IN REGION
24: PMA REGION
22: PCA REGION
18: MIRROR AREA
DISK CENTER
12: CENTER HOLE
φ45
φ46
φ50
φ120

FIG.5

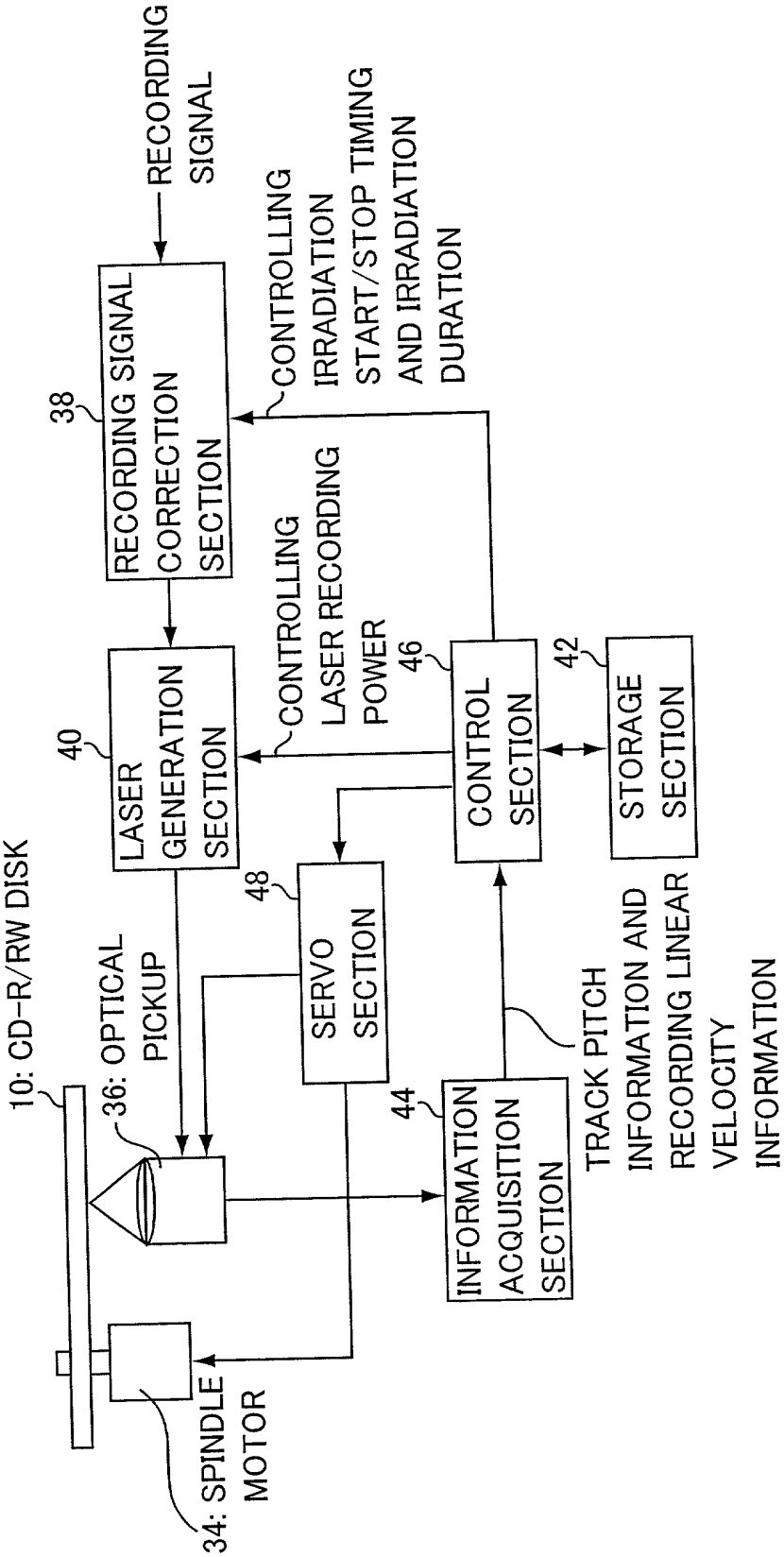
RECORDING SIGNAL
38
RECORDING SIGNAL CORRECTION SECTION
CONTROLLING IRRADIATION START/STOP TIMING AND IRRADIATION DURATION
40
LASER GENERATION SECTION
CONTROLLING LASER RECORDING POWER
46
CONTROL SECTION
42
STORAGE SECTION
48
SERVO SECTION
10: CD-R/RW DISK
36: OPTICAL PICKUP
44
INFORMATION ACQUISITION SECTION
TRACK PITCH INFORMATION AND RECORDING LINEAR VELOCITY INFORMATION
34: SPINDLE MOTOR

FIG.6

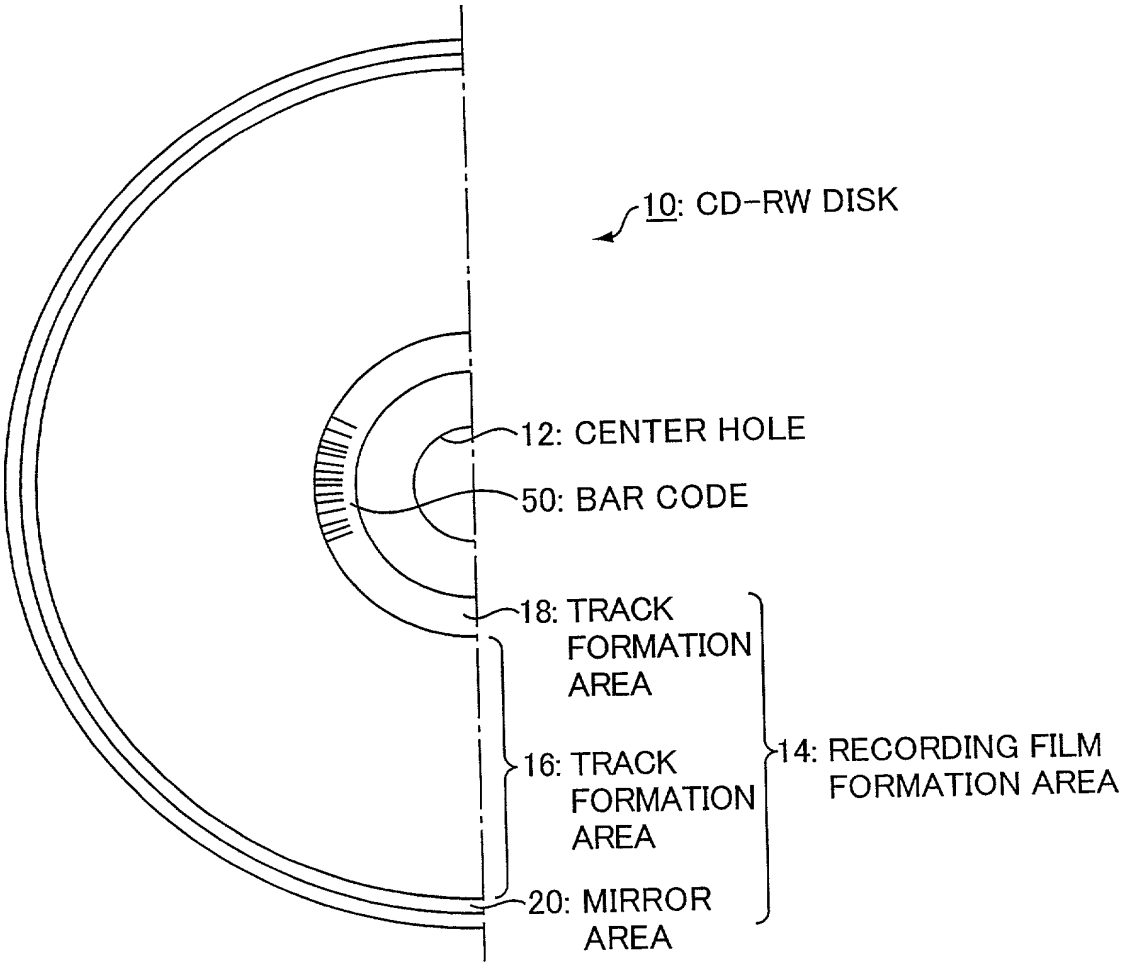
10: CD-RW DISK
12: CENTER HOLE
50: BAR CODE
18: TRACK FORMATION AREA
16: TRACK FORMATION AREA
20: MIRROR AREA
14: RECORDING FILM FORMATION AREA

FIG.7

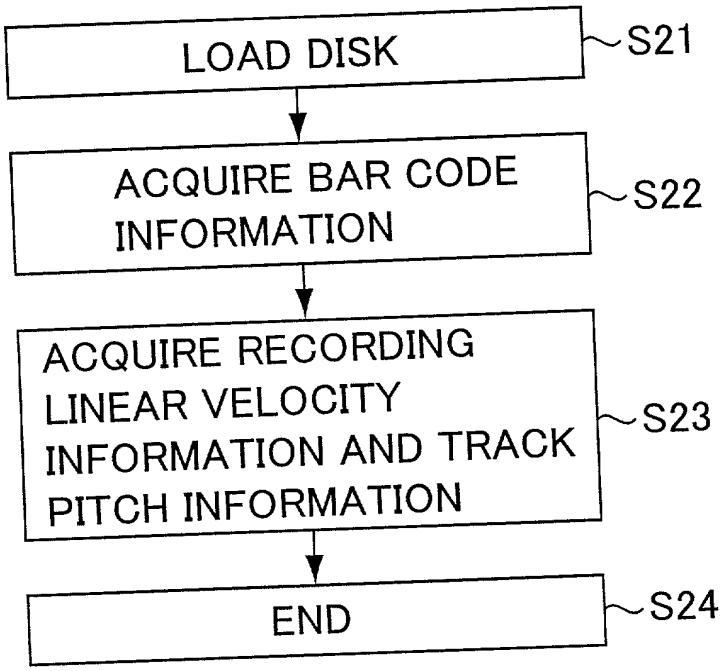
LOAD DISK
S21
ACQUIRE BAR CODE INFORMATION
S22
ACQUIRE RECORDING LINEAR VELOCITY INFORMATION AND TRACK PITCH INFORMATION
S23
END
S24

FIG.8

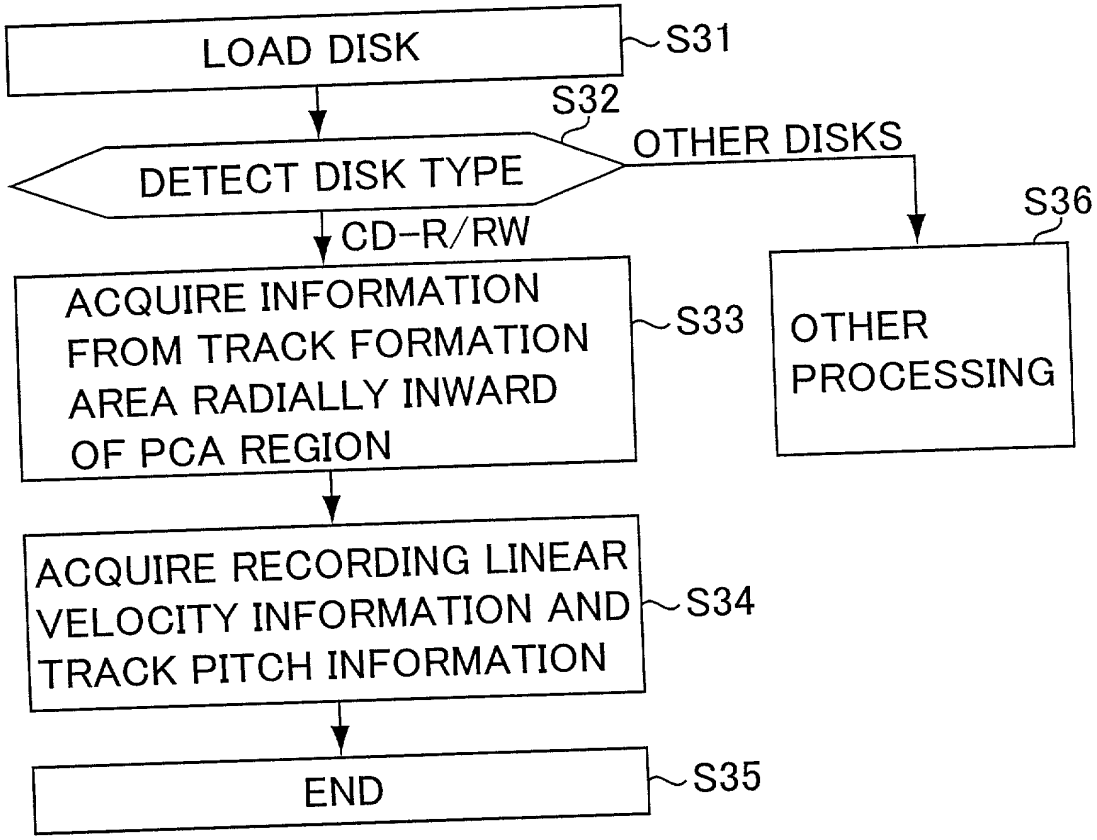
LOAD DISK
S31
S32
DETECT DISK TYPE
OTHER DISKS
S36
CD-R/RW
ACQUIRE INFORMATION FROM TRACK FORMATION AREA RADIALLY INWARD OF PCA REGION
S33
OTHER PROCESSING
ACQUIRE RECORDING LINEAR VELOCITY INFORMATION AND TRACK PITCH INFORMATION
S34
END
S35

FIG.9

TNO	POINT	MIN	SEC	FRAME	ZERO	P MIN	P SEC	P FRAME
00		00 ~ 99	00 ~ 59	00 ~ 74	00			
8	8	8	8	8	8	8	8	8 (BITS)
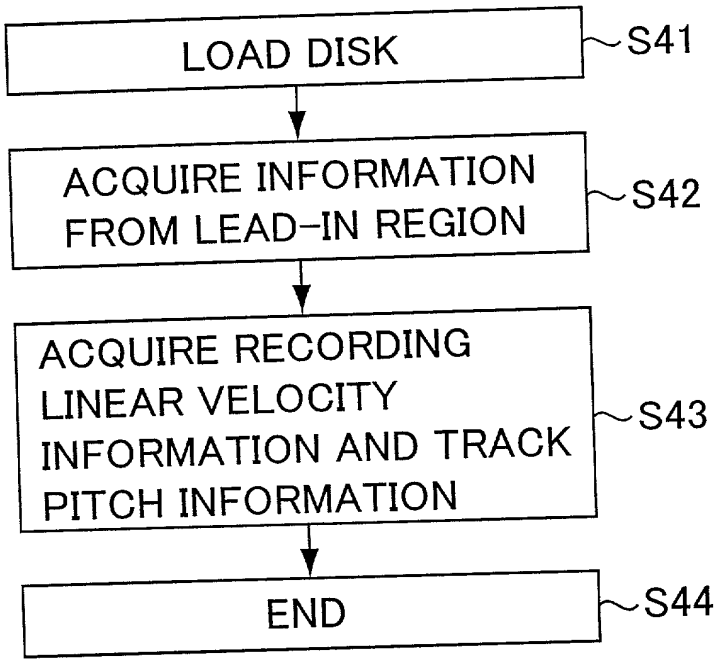
FIG.10